

Subject: AMASS to ACSLS Communications

19-Sep-01

The following directive is issued to all DAACS and labs.

Issue: In ECS 6A.04 and later, there appears to be a conflict in sockets between the custom code and AMASS to ACSLS communications. No changes to ACSLS are required.

Fix: This ETD changes the default AMASS socket connection from the AMASS libssched daemon to the STK ssi daemon running on the SGI.

Testing: After modifications, verify that AMASS communicates with ACSLS by copying at least one file to AMASS and one file from AMASS.

Implementation:

1. Schedule an outage of 30 minutes per host.
2. At the scheduled outage time, login to the AMASS SGI host and su to root
3. Edit the /usr/amass/juke/config_file_1 to make XDI_SSI_SOCKET=1001
4. Edit the /usr/amass/juke/config_file_2 to make XDI_SSI_SOCKET=1002
5. Edit the /etc/init.d/stk_1 file to change the line (changes in **bold**):
 /usr/bin/ssi_daemon_1 \$scurpid **60005** 23 2> /dev/null &
to
 /usr/bin/ssi_daemon_1 \$scurpid **1001** 23 2> /dev/null &
6. Edit the /etc/init.d/stk_2 file to change the line:
 /usr/bin/ssi_daemon_1 \$scurpid **60006** 23 2> /dev/null &
to
 /usr/bin/ssi_daemon_1 \$scurpid **1002** 23 2> /dev/null &
7. MAKE SURE NO ONE IS USING AMASS!!! Then restart the ssi daemons using the commands (↵ = press enter):
 # /etc/init.d/stk_1 stop ↵
 # /etc/init.d/stk_1 start ↵
 # /etc/init.d/stk_2 stop ↵
 # /etc/init.d/stk_2 start ↵
8. Stop AMASS using the command:
 # /usr/amass/tools/killdaemons -f -t 0 ↵
9. After AMASS has stopped, restart using the command:
 # /usr/amass/tools/amass_start ↵
10. Verify that AMASS works by copying a file to AMASS and from AMASS.
11. Repeat procedure for each AMASS SGI.

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-----End of Directive-----